

BookletChart™

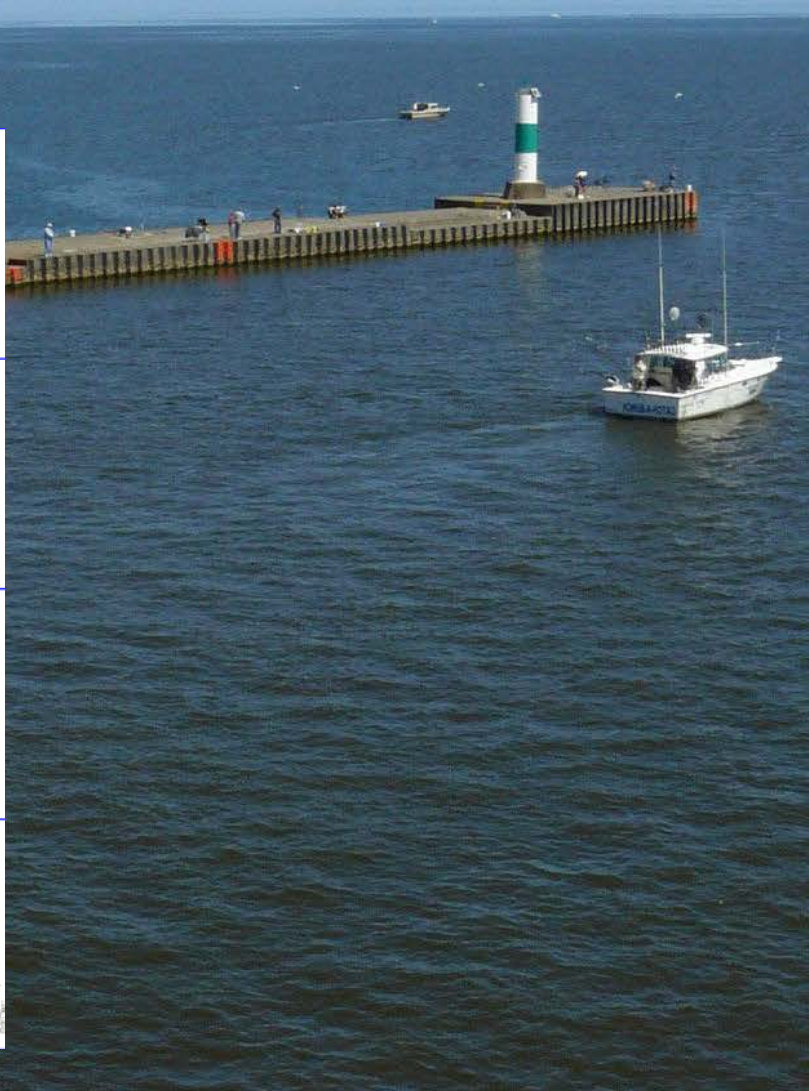
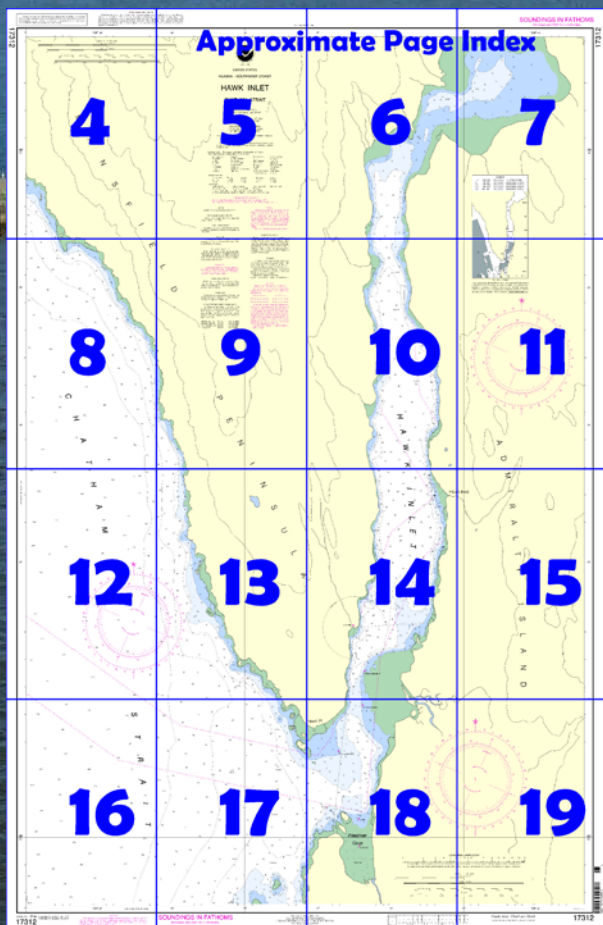
Hawk Inlet – Chatham Strait NOAA Chart 17312



A reduced-scale NOAA nautical chart for small boaters
When possible, use the full-size NOAA chart for navigation.



- Complete, reduced-scale nautical chart
- Print at home for free
- Convenient size
- Up-to-date with Notices to Mariners
- Compiled by NOAA's Office of Coast Survey, the nation's chartmaker



Published by the
National Oceanic and Atmospheric Administration
National Ocean Service
Office of Coast Survey
www.NauticalCharts.NOAA.gov
888-990-NOAA

What are Nautical Charts?

Nautical charts are a fundamental tool of marine navigation. They show water depths, obstructions, buoys, other aids to navigation, and much more. The information is shown in a way that promotes safe and efficient navigation. Chart carriage is mandatory on the commercial ships that carry America's commerce. They are also used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters.

What is a BookletChart™?

This BookletChart is made to help recreational boaters locate themselves on the water. It has been reduced in scale for convenience, but otherwise contains all the information of the full-scale nautical chart. The bar scales have also been reduced, and are accurate when used to measure distances in this BookletChart. See the Note at the bottom of page 5 for the reduction in scale applied to this chart.

Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at <http://www.NauticalCharts.NOAA.gov>.

This BookletChart does NOT fulfill chart carriage requirements for regulated commercial vessels under Titles 33 and 44 of the Code of Federal Regulations.

Notice to Mariners Correction Status

This BookletChart has been updated for chart corrections published in the U.S. Coast Guard Local Notice to Mariners, the National Geospatial Intelligence Agency Weekly Notice to Mariners, and, where applicable, the Canadian Coast Guard Notice to Mariners. Additional chart corrections have been made by NOAA in advance of their publication in a Notice to Mariners. The last Notices to Mariners applied to this chart are listed in the Note at the bottom of page 7. Coast Pilot excerpts are not being corrected.

For latest Coast Pilot excerpt visit the Office of Coast Survey website at <http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=17312>.



(Selected Excerpts from Coast Pilot)

Hawk Inlet has its entrance on the E side of Chatham Strait 10 miles SE of Rocky Island Light 13 (58°10.6'N., 135°03.1'W.). It has a N direction for a distance of 5 miles from its mouth. It then contracts and changes to a NE direction, terminating in a basin about 1 mile in diameter. The Captain of the Port, Southeast Alaska, has issued guidelines for the movement of all deep draft vessels in and out of Hawk Inlet. Vessels of no more than 600 feet in

length with a beam of no more than 100 feet may arrive/depart Hawk Inlet only 30 minutes before and after slack water during daylight hours,

in conditions of good visibility and weather with an under-the-keel clearance of no less than 8 feet.

A foul area, marked by kelp and bare at low water, extends about 0.2 mile S of Hawk Point. The entrance to the inlet is marked by a daybeacon, a buoy and a light.

Piledriver Cove, which dries, is on the S side of the inlet at the entrance. Two small islets are on the W side of the entrance to the cove; submerged pilings are in the entrance in about 58°05'11"N., 134°46'21"W. Another small cove, about 0.6 mile SW of Piledriver Cove, offers good anchorage for small craft in all but NW winds in 9 to 13 fathoms. A ledge extends 0.2 mile NW from the SW entrance point; another ledge, bare at half tide, is in the middle of the entrance. A deep channel is on each side of the ledge in the middle of the entrance, but the channel on the NE side is better. The anchorage is in the middle of the cove, about 300 yards SE of the ledge.

Two streams enter Hawk Inlet on its E side about 0.8 mile above the entrance, and form an extensive flat extending two-thirds of the way across the inlet; the W edge is marked by a light. The channel between the light and the W shore is about 100 yards wide with 4 fathoms in the middle. The centerline of the channel is indicated by the range in Piledriver Cove. Once on the range, steer towards **Hawk Inlet Entrance Light** (58°06'32"N., 134°46'29"W.), giving the two lights marking the shoal on the E side of the channel a berth of 120 yards, then favor the W shore for about 0.7 mile.

Ruins of a cannery are on the E side of Hawk Inlet about 1.4 miles N of the light.

An abandoned fuel pier (58°07'35"N., 134°45'15"W.), with a 45-foot face, has 10 feet alongside. A small-craft and seaplane float with 4 feet alongside is about 300 yards S of the pier. During summer, water and the use of a radiotelephone are available from a caretaker in an emergency.

Anchorage.—Anchorage for shallow-draft vessels can be had in 4 to 6 fathoms in the basin at the head of the inlet. Extensive mud flats surround the anchorage. The channel leading to the basin has a least depth of 2½ fathoms. To make the channel, keep off the E shore by about 0.1 mile. The channel is winding with strong currents and should not be attempted without local knowledge.

Currents.—Tide rips and currents of considerable velocity are reported in the entrance, E and SE of the entrance buoy. The maximum flood and ebb is at the light marking the flat, and is estimated to at least 4 knots. Mariners with deep-draft vessels should make transits during slack water. The ebb current at the fuel pier has very little velocity; the flood is reported to set slightly toward the pier.

U.S. Coast Guard Rescue Coordination Center **24 hour Regional Contact for Emergencies**

RCC Juneau

Commander
17th CG District
Juneau, Alaska

(907) 463-2000

Table of Selected Chart Notes

Corrected through NM Oct. 20/12
Corrected through LNM Oct. 09/12

HEIGHTS

Heights in feet above Mean High Water.

CAUTION

Limitations on the use of radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Geospatial-Intelligence Agency Publication 117.

Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.

Station positions are shown thus:

○ (Accurate location) ◦ (Approximate location)

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

Mercator Projection

Scale 1:10,000 at Lat 58° 07'

North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FATHOMS
(FATHOMS AND FEET TO ELEVEN FATHOMS)
AT MEAN LOWER LOW WATER

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 1.204" southward and 6.427" westward to agree with this chart.

NOAA WEATHER RADIO BROADCASTS

The NOAA Weather Radio stations listed below provide continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

| | | |
|-------------------|--------|-------------|
| Althorp Peak, AK | KZZ-86 | 162.425 MHz |
| Mt. Robert Barron | KZZ-87 | 162.450 MHz |
| Cape Fanshaw, AK | KZZ-88 | 162.425 MHz |
| Juneau, AK | WXJ-25 | 162.550 MHz |

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

VEGETATION

The land is generally heavily wooded. The woods decrease in density with the elevation, leaving the higher elevation bare.

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

CAUTION

SUBMARINE PIPELINES AND CABLES

Charted submarine pipelines and submarine cables and submarine pipeline and cable areas are shown as:



Additional uncharted submarine pipelines and submarine cables may exist within the area of this chart. Not all submarine pipelines and submarine cables are required to be buried, and those that were originally buried may have become exposed. Mariners should use extreme caution when operating vessels in depths of water comparable to their draft in areas where pipelines and cables may exist, and when anchoring, dragging, or trawling.

Covered wells may be marked by lighted or unlighted buoys.

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 8. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 17th Coast Guard District in Juneau, Alaska, or at the Office of the District Engineer, Corps of Engineers in Anchorage, Alaska.

Refer to charted regulation section numbers.

AUTHORITIES

Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, and U.S. Coast Guard.

SOURCE DIAGRAM

The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, United States Coast Pilot.

COLREGS, 80.1705 (see note A)

International Regulations for Preventing Collisions at Sea, 1972.
The entire area of this chart falls seaward of the COLREGS Demarcation Line.

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)

Aids to Navigation (lights are white unless otherwise indicated):

| | | | |
|-------------------|--------------------------|------------------------|--------------------|
| AERO aeronautical | G green | Mo morse code | R TR radio tower |
| Al alternating | IQ interrupted quick | N nun | Rot rotating |
| B black | Is isophase | OBSC obscured | s seconds |
| Bn beacon | LT HO lighthouse | Oc occulting | SEC sector |
| C can | M nautical mile | Or orange | St M statute miles |
| DIA diaphone | m minutes | Q quick | VQ very quick |
| F fixed | MICRO TR microwave tower | R red | W white |
| Fl flashing | Mkr marker | Ra Ref radar reflector | WHIS whistle |
| | | R Bn radiobeacon | Y yellow |

Bottom characteristics:

| | | | | |
|---------------|-----------|---------|-------------|-----------|
| Bids boulders | Co coral | gy gray | Oys oysters | so soft |
| bk broken | G gravel | h hard | Rk rock | Sh shells |
| Cy clay | Grs grass | M mud | S sand | sy sticky |

Miscellaneous:

| | | | |
|-----------------------|-------------------------|----------------------|----------------|
| AUTH authorized | Obstn obstruction | PD position doubtful | Subm submerged |
| ED existence doubtful | PA position approximate | Rep reported | |

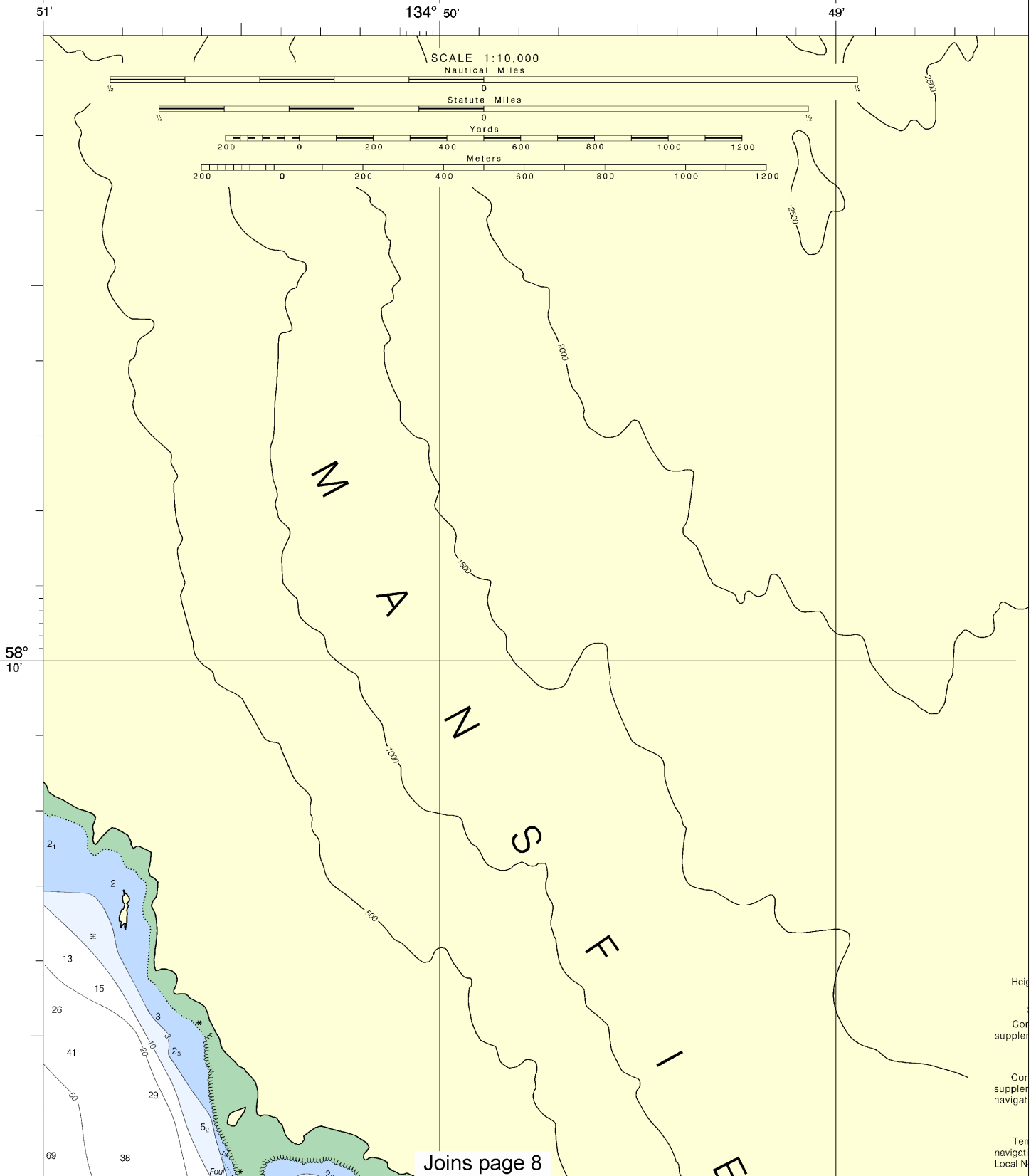
(1) Wreck, rock, obstruction, or shoal swept clear to the depth indicated.

(2) Rocks that cover and uncover, with heights in feet above datum of soundings.

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Chief, Marine Chart Division (N/CS2), National Ocean Service, NOAA, Silver Spring, Maryland 20910-3282.

PRINT-ON-DEMAND CHARTS
NOAA and its partner, OceanGrafix, offer this chart updated weekly by NOAA for Notices to Mariners and critical corrections. Charts are printed when ordered using Print-on-Demand technology. New Editions are available 2-8 weeks before their release as traditional NOAA charts. Ask your chart agent about Print-on-Demand charts or contact NOAA at <http://ocsddata.ncd.noaa.gov/ldr/inquiry.aspx>, or OceanGrafix at 1-877-56CHART or <http://www.oceangrafix.com>.

17312



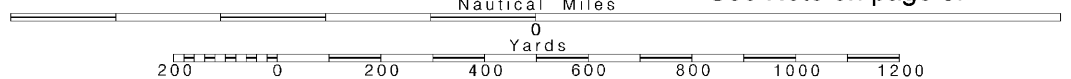
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Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:10,000

See Note on page 5.



48'

47'

46'



THE NATION'S CHARTMAKER SINCE 1807

UNITED STATES

ALASKA - SOUTHEAST COAST

HAWK INLET

CHATHAM STRAIT

Mercator Projection
Scale 1:10,000 at Lat 58° 07'

North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FATHOMS
(FATHOMS AND FEET TO ELEVEN FATHOMS)
AT MEAN LOWER LOW WATER

Additional information can be obtained at nauticalcharts.noaa.gov.

AUTHORITIES

Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, and U.S. Coast Guard.

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)

Aids to Navigation (lights are white unless otherwise indicated):

| | | | |
|-------------------|--------------------------|------------------------|--------------------|
| AERO aeronautical | G green | Mo morse code | R TR radio tower |
| Al alternating | IQ interrupted quick | N run | Rot rotating |
| B black | iso isophase | OBSC obscured | s seconds |
| Bn beacon | LT HO lighthouse | Oc occulting | SEC sector |
| C can | M nautical mile | Or orange | St M statute miles |
| DIA diaphone | m minutes | Q quick | VQ very quick |
| F fixed | MICRO TR microwave tower | R red | W white |
| Fl flashing | Mkr marker | Ra Ref radar reflector | WHIS whistle |
| | | R Bn radiobeacon | Y yellow |

Bottom characteristics:

| | | | | |
|--------------|-----------|---------|-------------|-----------|
| Bds boulders | Co coral | gy gray | Oys oysters | so soft |
| bk broken | G gravel | h hard | Rk rock | Sh shells |
| Cy clay | Grs grass | M mud | S sand | sy sticky |

Miscellaneous:

| | | | |
|-----------------------|-------------------------|----------------------|----------------|
| AUTH authorized | Obstn obstruction | PD position doubtful | Subm submerged |
| ED existence doubtful | PA position approximate | Rep reported | |

(2) Wreck, rock, obstruction, or shoal swept clear to the depth indicated.
(2) Rocks that cover and uncover, with heights in feet above datum of soundings.

COLREGS, 80.1705 (see note A)

International Regulations for Preventing Collisions at Sea, 1972.

The entire area of this chart falls seaward of the COLREGS Demarcation Line.

HEIGHTS

heights in feet above Mean High Water.

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 8. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 17th Coast Guard District in Juneau, Alaska, or at the Office of the District Engineer, Corps of Engineers in Anchorage, Alaska.

Refer to charted regulation section numbers.

SUPPLEMENTAL INFORMATION

consult U.S. Coast Pilot 8 for important supplemental information.

AIDS TO NAVIGATION

consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North

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This BookletChart was reduced to 75% of the original chart scale.
The new scale is 1:13333. Barscales have also been reduced and are accurate when used to measure distances in this BookletChart.



THE NATION'S CHARTMAKER SINCE 1807

UNITED STATES

ALASKA - SOUTHEAST COAST

HAWK INLET

CHATHAM STRAIT

Mercator Projection
Scale 1:10,000 at Lat 58° 07'

North American Datum of 1983
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Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, and U.S. Coast Guard.

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for charting purposes is considered equivalent
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Geographic positions referred to the North

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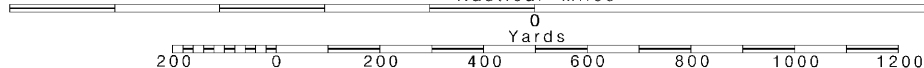
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Note: Chart grid
lines are aligned
with true north.

Printed at reduced scale.

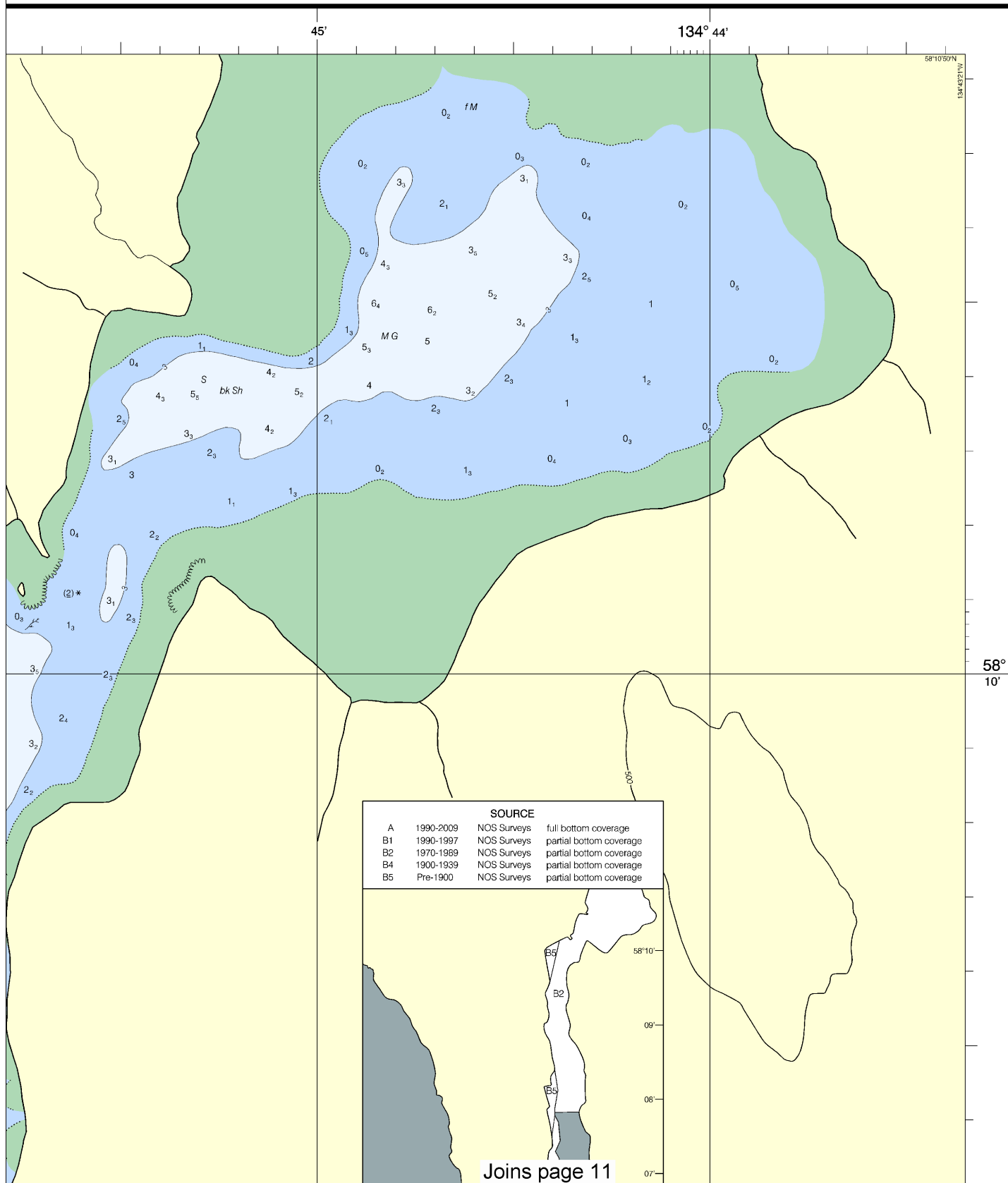
SCALE 1:10,000

See Note on page 5.



(FATHOMS AND FEET TO 11 FATHOMS)

17312



This BookletChart has been updated through: Coast Guard Local Notice To Mariners: 4812 11/27/2012,
NGA Weekly Notice to Mariners: 4812 12/1/2012,
Canadian Coast Guard Notice to Mariners: 0912 9/28/2012.

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CAUTION
Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.

POLLUTION REPORTS
Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is possible (33 CFR 153).

WARNING
A prudent mariner will not rely solely on any single aid to navigation, particularly on electronic aids. See U.S. Coast Guard Light List or U.S. Coast Pilot for details.

RADAR REFLECTORS
Radar reflectors have been placed on many aids to navigation. Individual radar return identification on these aids has been determined from this chart.

VEGETATION
The land is generally heavily wooded. The density decreases with the elevation, and the higher the elevation, the more the vegetation.

VHF WEATHER RADIO BROADCASTS
The NOAA Weather Radio stations listed provide continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at low elevations.

| | | |
|-------------------|--------|-------------|
| Point Barre, AK | KZZ-86 | 162.425 MHz |
| Robert Barron, AK | KZZ-87 | 162.450 MHz |
| Fanshaw, AK | KZZ-88 | 162.425 MHz |
| Umanak, AK | WXJ-25 | 162.550 MHz |

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 1.204" southward and 6.427" westward to agree with this chart.

CAUTION
Limitations on the use of radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Geospatial-Intelligence Agency Publication 117. Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution. Station positions are shown thus:
○ (Accurate location) ◐ (Approximate location)

CAUTION
SUBMARINE PIPELINES AND CABLES
Charted submarine pipelines and submarine cables and submarine pipeline and cable areas are shown as:



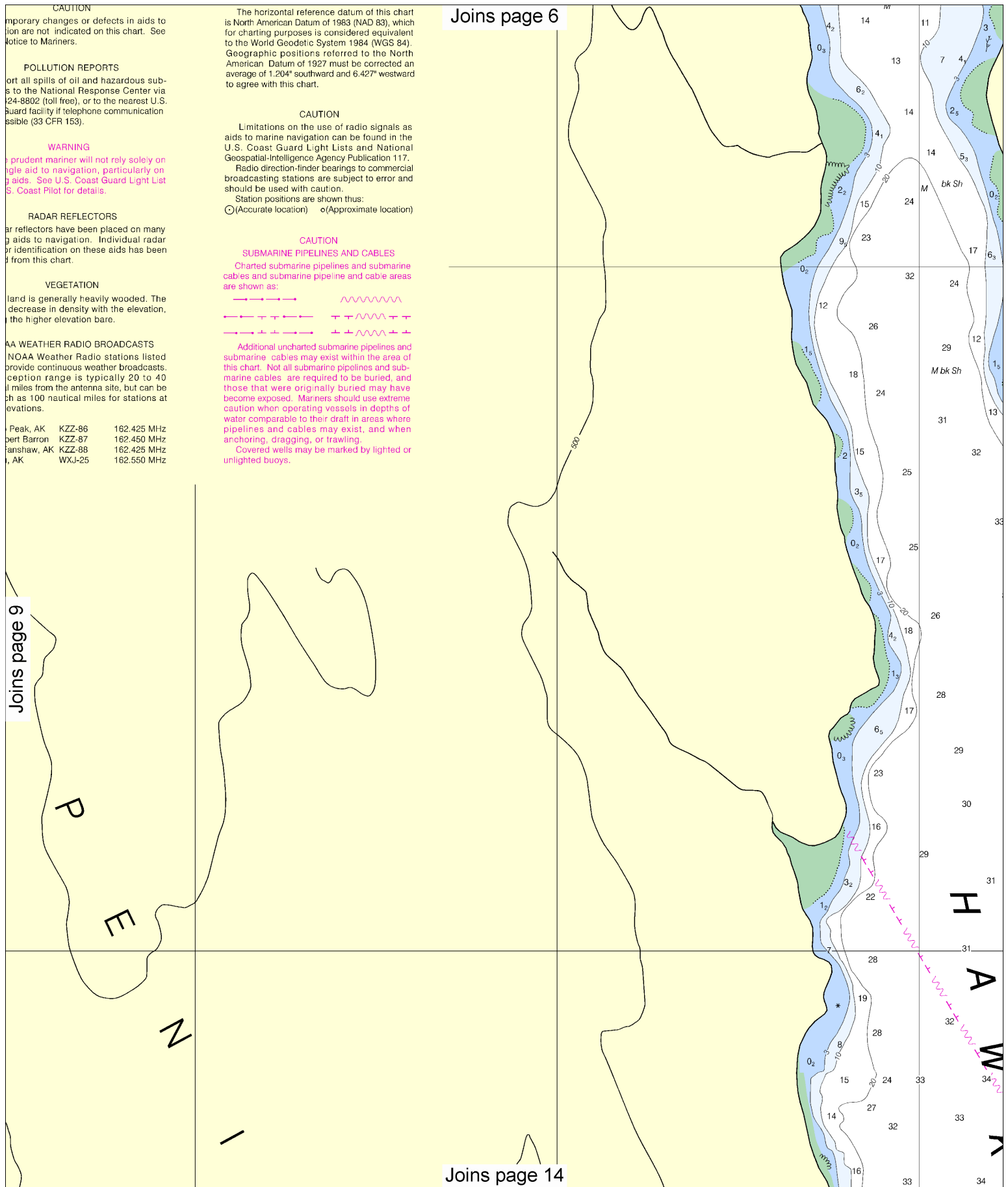
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Joins page 5

Joins page 13

Joins page 10

HAWAII



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VEGETATION
Land is generally heavily wooded. The density of the vegetation decreases with the elevation, the higher the elevation the less dense the vegetation.

AA WEATHER RADIO BROADCASTS
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| Station | Frequency |
|------------------------|-------------|
| Peak, AK KZZ-86 | 162.425 MHz |
| Bert Barron, AK KZZ-87 | 162.450 MHz |
| Barrow, AK KZZ-88 | 162.425 MHz |
| Barrow, AK WXJ-25 | 162.550 MHz |

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— (Pipeline) ~ (Cable)
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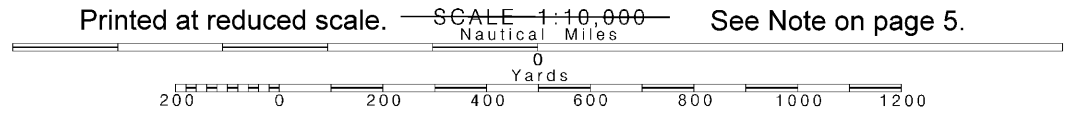
Joins page 9

Joins page 6

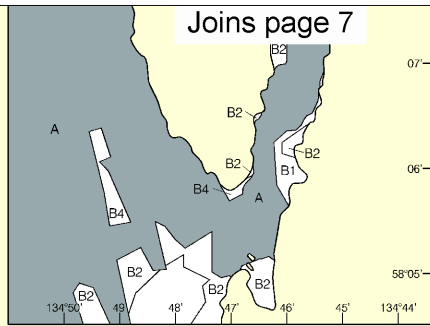
Joins page 14

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Note: Chart grid lines are aligned with true north.

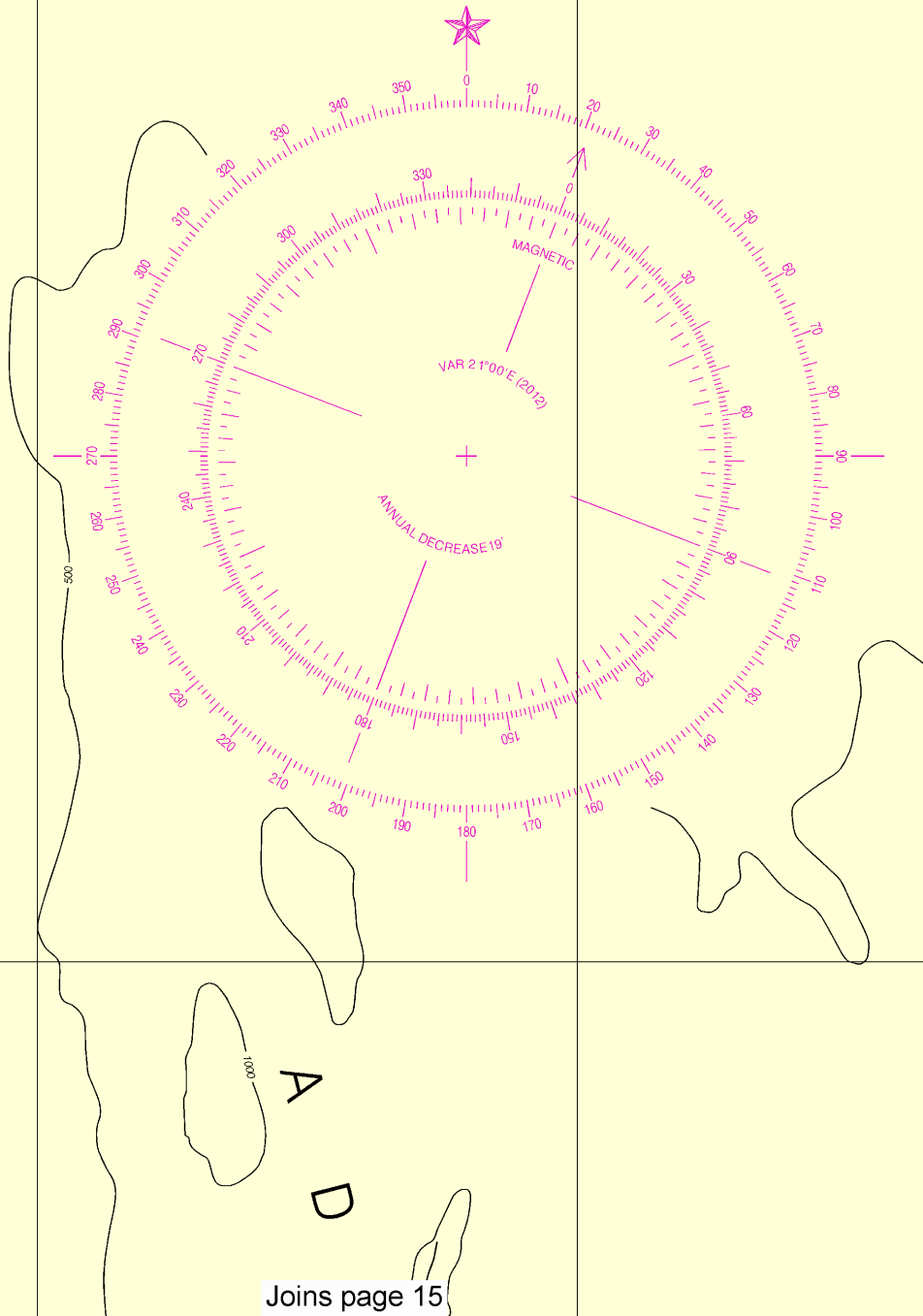
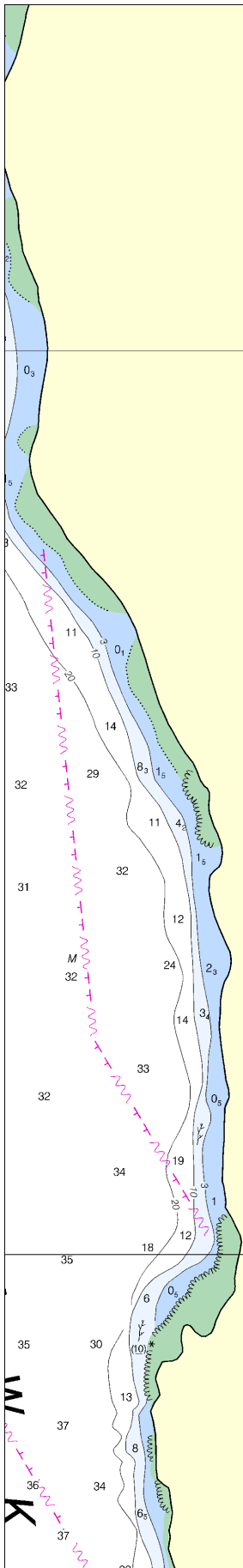


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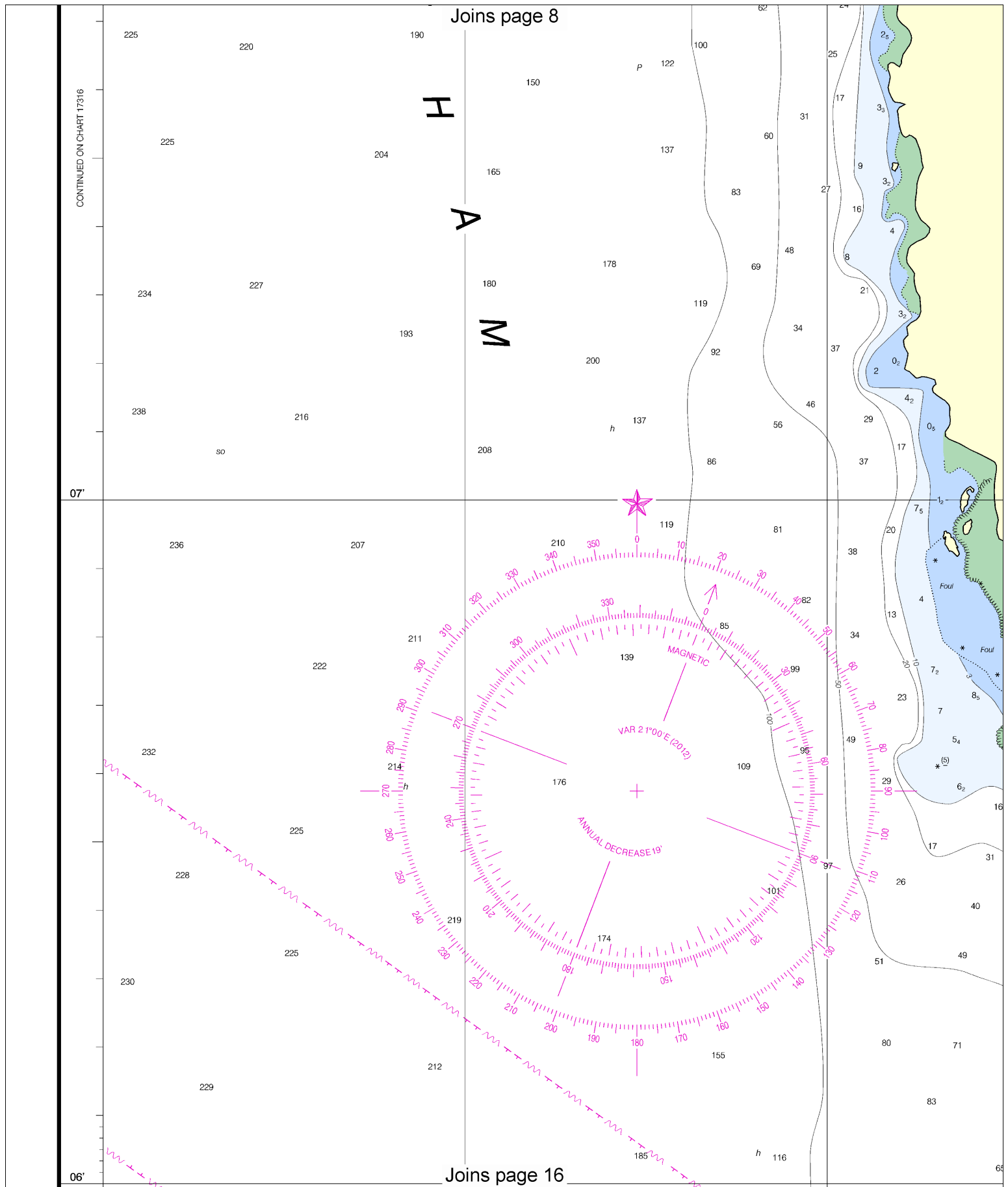


SOURCE DIAGRAM

The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, *United States Coast Pilot*.



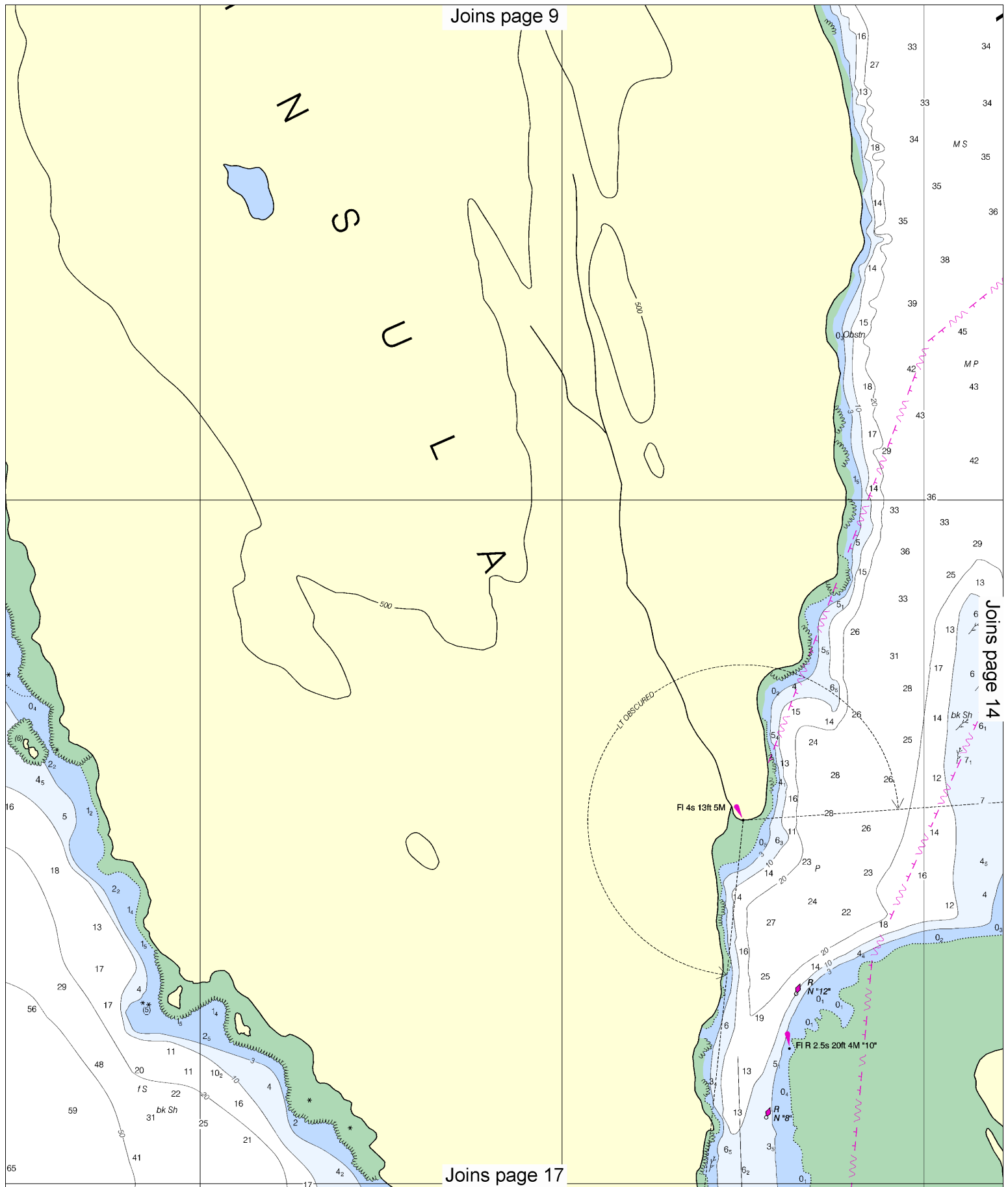
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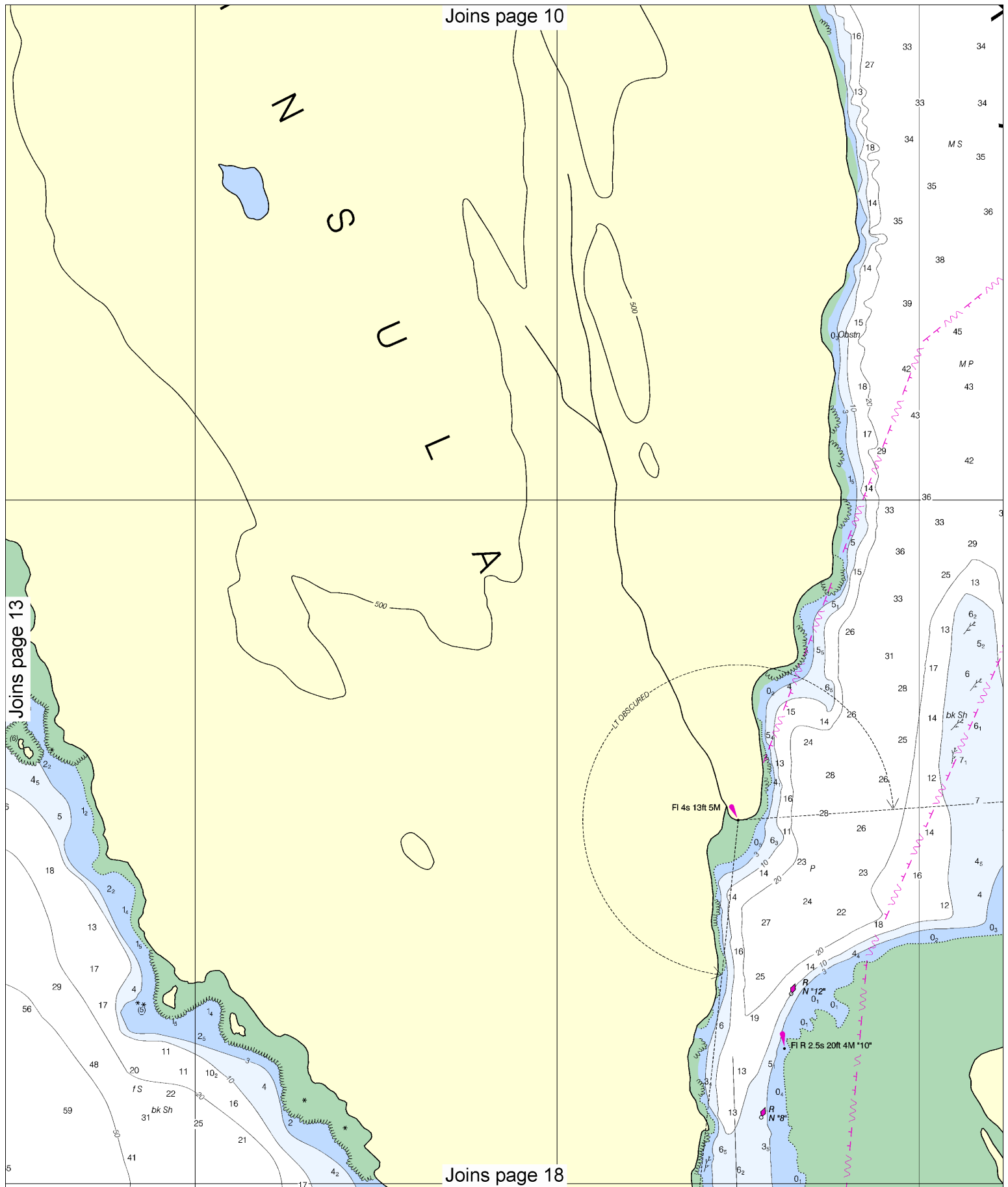


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Note: Chart grid lines are aligned with true north.

Printed at reduced scale. — SCALE 1:10,000 — See Note on page 5.



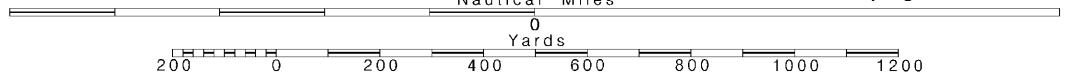


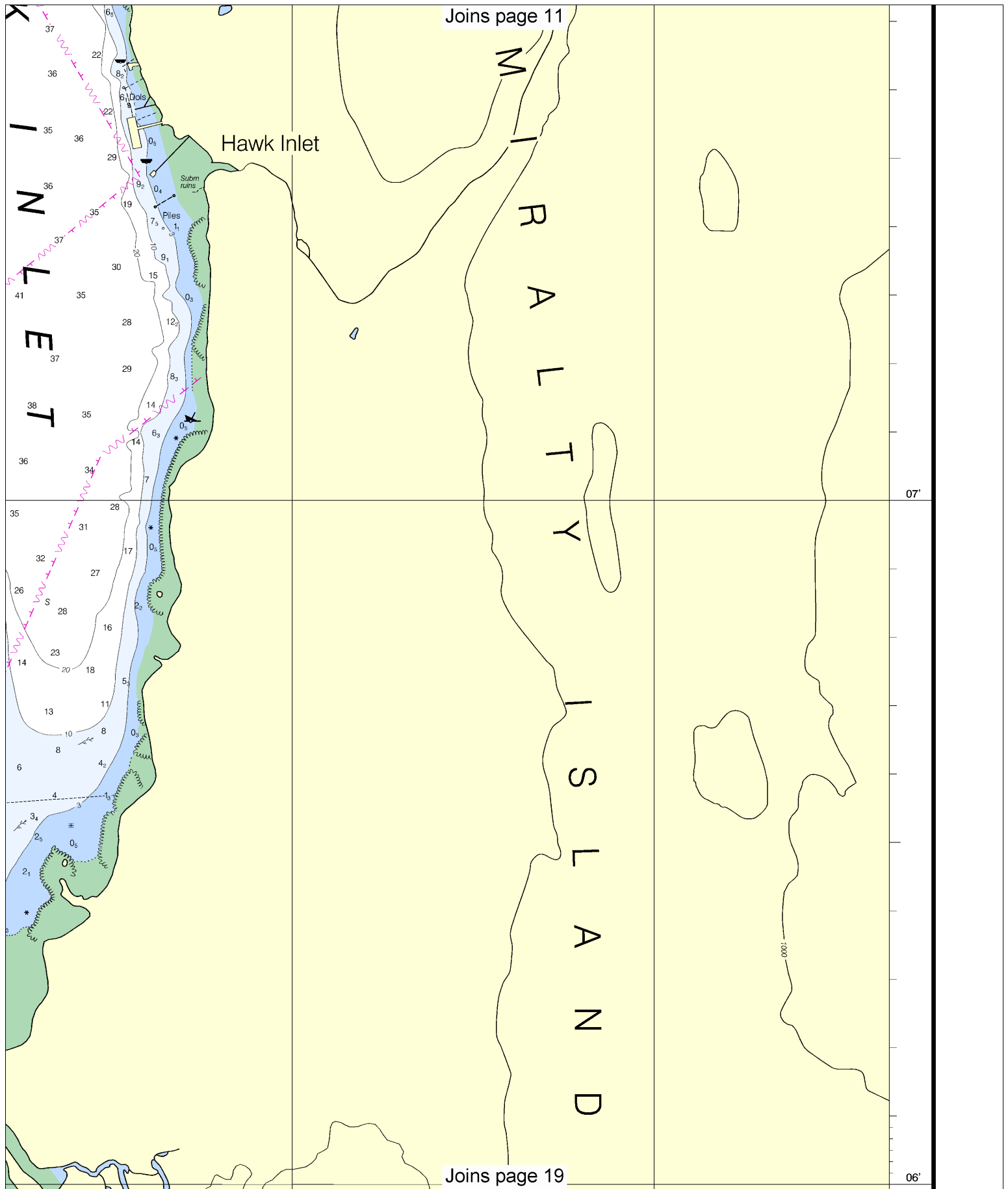
Note: Chart grid lines are aligned with true north.

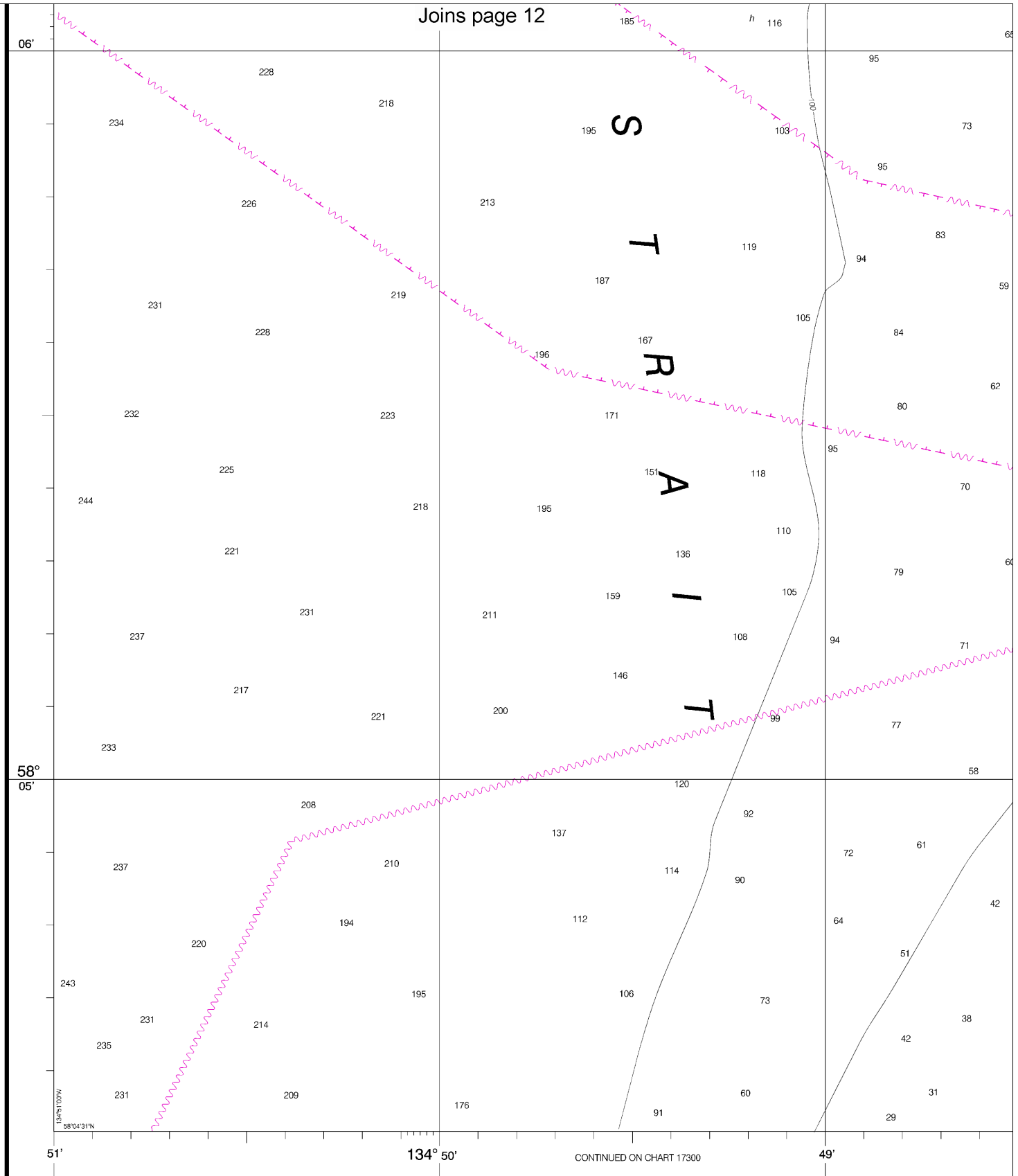
Printed at reduced scale.

SCALE 1:10,000
Nautical Miles

See Note on page 5.







3rd Ed., Oct. 12 ■ Corrected through NM Oct. 20/12
Corrected through LNM Oct. 09/12

17312

CAUTION

This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner. Chart updates corrected from Notice to Mariners published after the dates shown in the lower left hand corner are available at nauticalcharts.noaa.gov.

SOUNDINGS IN FATHOMS AND FEET TO 11 FATHOMS

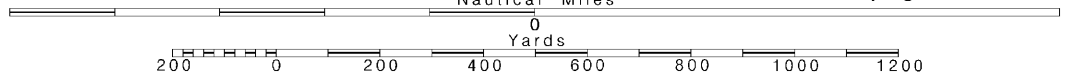
16

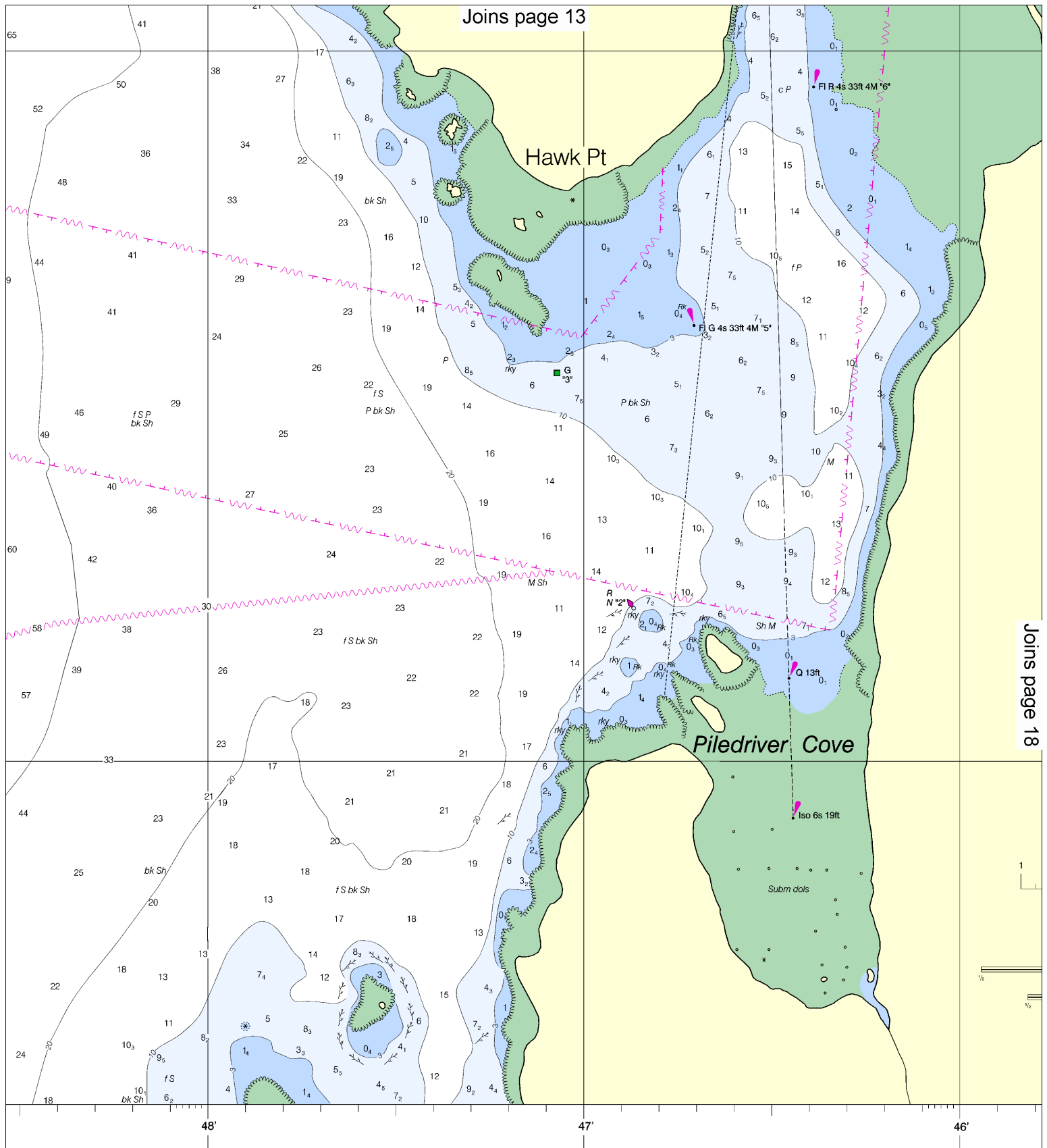
Note: Chart grid lines are aligned with true north.

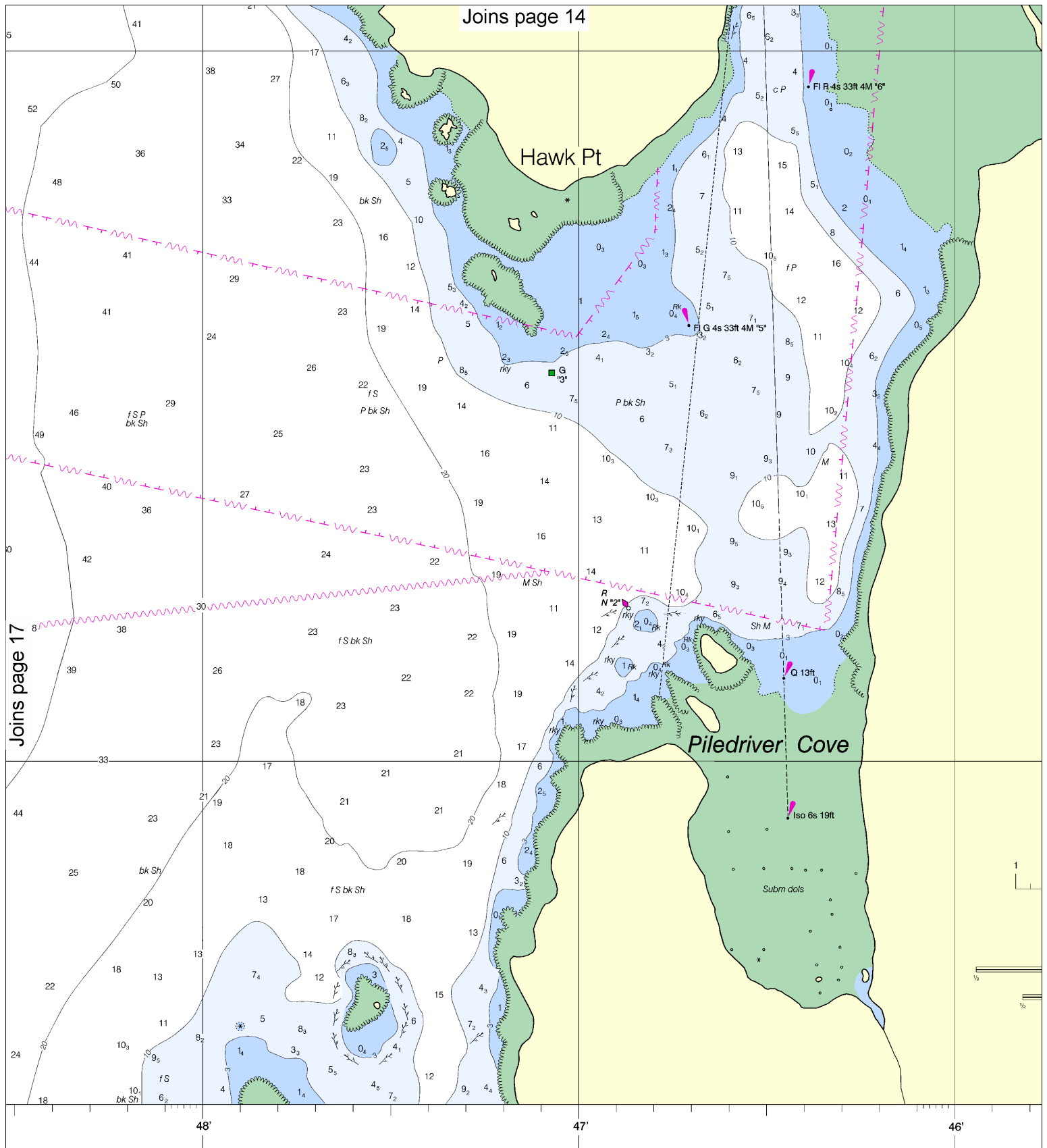
Printed at reduced scale.

SCALE 1:10,000
Nautical Miles

See Note on page 5.







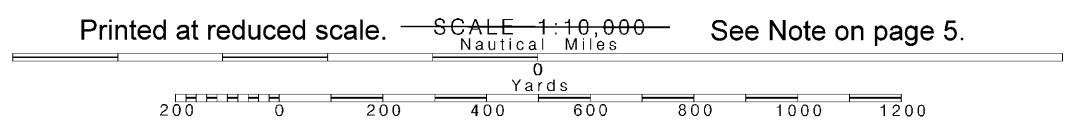
FATHOMS

(FATHOMS)

Published at Washington, D.C.
 U.S. DEPARTMENT OF COMMERCE
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
 NATIONAL OCEAN SERVICE
 COAST SURVEY

| | | |
|---------|---|---------|
| FATHOMS | 1 | 2 |
| FEET | 6 | 12 |
| METERS | 1 | 2 3 4 5 |

Note: Chart grid lines are aligned with true north.



06'

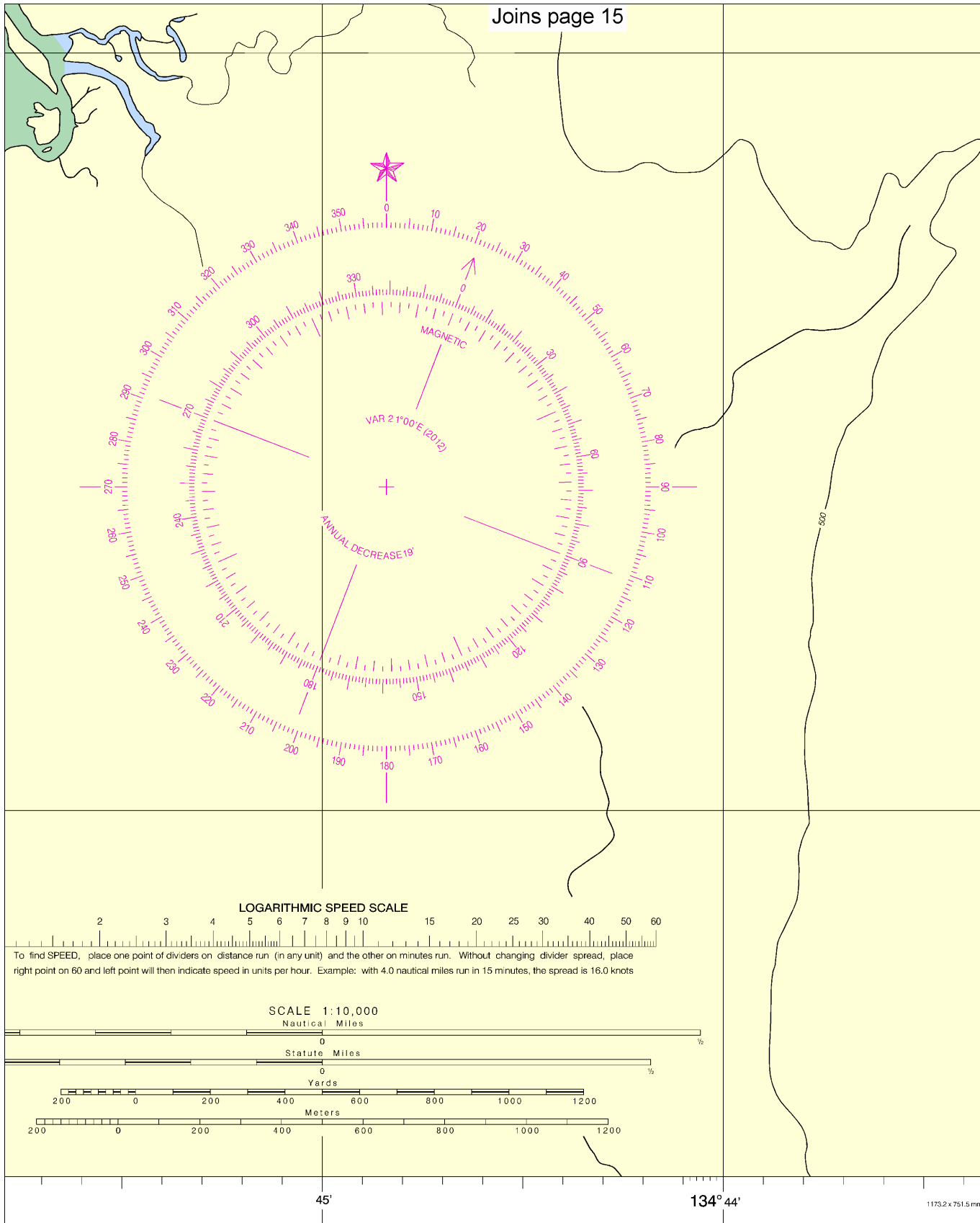
58°
05'

ED. NO. 3

NSN 7642014466615
NGA REFERENCE NO. 17BHA17312

17312

19



| | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 96 | 102 |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |



VHF Marine Radio channels for use on the waterways:

Channel 6 – Inter-ship safety communications.

Channel 9 – Communications between boats and ship-to-coast.

Channel 13 – Navigation purposes at bridges, locks, and harbors.

Channel 16 – Emergency, distress and safety calls to Coast Guard and others, and to initiate calls to other

vessels. Contact the other vessel, agree to another channel, and then switch.

Channel 22A – Calls between the Coast Guard and the public. Severe weather warnings, hazards to navigation and safety warnings are broadcast here.

Channels 68, 69, 71, 72 and 78A – Recreational boat channels.

Getting and Giving Help — Signal other boaters using visual distress signals (flares, orange flag, lights, arm signals); whistles; horns; and on your VHF radio. You are required by law to help boaters in trouble. Respond to distress signals, but do not endanger yourself.

Distress Call Procedures

- Make sure radio is on.
- Select Channel 16.
- Press/Hold the transmit button.
- Clearly say: "MAYDAY, MAYDAY, MAYDAY."
- Also give: Vessel Name and/or Description; Position and/or Location; Nature of Emergency; Number of People on Board.
- Release transmit button.
- Wait for 10 seconds — If no response Repeat MAYDAY call.

HAVE ALL PERSONS PUT ON LIFE JACKETS!



NOAA Weather Radio All Hazards (NWR) is a nationwide network of radio stations broadcasting continuous weather information directly from the nearest National Weather Service office. NWR broadcasts official Weather Service warnings, watches, forecasts and other hazard information 24 hours a day, 7 days a week.

<http://www.nws.noaa.gov/nwr/>

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| | | |
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This Booklet chart has been designed for duplex printing (printed on front and back of one sheet). If a duplex option is not available on your printer, you may print each sheet and arrange them back-to-back to allow for the proper layout when viewing.

NOAA's Office of Coast Survey



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